



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the application of:  
Jonathan Meigs, et al.

Docket: 30-4590 (4950)

1158  
JN  
10/10/01

Serial Number: 09/361,458

Group Art Unit: 2832

Filed: July 27, 1999

Examiner: Karl Easthom

For: COMPOSITION AND METHOD FOR MANUFACTURING INTEGRAL  
RESISTORS IN PRINTED CIRCUIT BOARDS

AMENDMENT

Assistant Commissioner for Patents  
Washington, D.C. 20231

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SEP 19 2001  
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Sir:

In response to the Office Action mailed March 9, 2001, please amend the above identified  
patent application as follows:

In the claims:

1. (Amended) An electrically resistive composite material consisting essentially of an electrically conductive material selected from the group consisting of antimony, arsenic, bismuth, cobalt, tungsten, manganese, lead, [chromium,] zinc, palladium, phosphorus, sulfur, carbon, tantalum, aluminum, iron, titanium, [chromium,] platinum, tin, nickel, silver, copper and combinations thereof, and an electrically non-conductive particulate material selected from the group consisting of [boron nitride,] silicon carbide, alumina, [silica,] platinum oxide, tantalum nitride, talc, polyethylene tetrafluoroethylene, and mixtures thereof evenly dispersed throughout the conductive material.

2. (Amended) The electrically resistive composite material of claim 1 wherein the non-conductive material comprises alumina [or boron nitride or both].